

DEC 2 8 2003  
DOCKET NO: 199866US2CRL

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :  
ANDREW J. SHIELDS ET AL. : EXAMINER: MONBLEAU, D. N.  
SERIAL NO: 09/713,242 :  
FILED: NOVEMBER 16, 2000 : GROUP ART UNIT: 2878  
FOR: A PHOTON SOURCE :

AMENDMENT UNDER 37 C.F.R. § 1.111

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Office Action dated August 18, 2004, please amend this application  
as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on  
page 2 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.